



## Subject card

Subject name and code	Team project, PG_00055254						
Field of study	Management and Production Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
Education level	first-cycle studies	Subject group				Optional subject group	
Mode of study	Full-time studies	Mode of delivery				at the university	
Year of study	3	Language of instruction				Polish	
Semester of study	6	ECTS credits				4.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Institute of Manufacturing and Materials Technology -> Faculty of Mechanical Engineering and Ship Technology -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Dariusz Fydrych					
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours		Self-study		SUM
	Number of study hours	30	25.0		45.0		100
Subject objectives	Verification of the ability to use the acquired knowledge to solve a given problem in the areas of welding technologies.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_U01] can find the necessary information in professional literature, databases and other sources, knows basic scientific and technical journals in the field of production management, quality and operation management, can integrate the obtained information, formulate conclusions and justify opinions	The student is able to determine the optimal ranges of the significant variables of the process with the use of available engineering tools			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
	[K6_K01] feels the need for self-realization by learning throughout life, is looking for modern and innovative solutions in their actions, is able to think creatively and act in an entrepreneurial way	The student works in a team, is able to communicate effectively with other team members in the scope of the current task implementation.			[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work		
	[K6_U03] is able to communicate using various techniques in the professional environment and other environments, has language skills enabling free communication in the field of technical sciences related thematically to management and production engineering	The student is able to prepare documentation of the performed task and carry out appropriate calculations and simulations.			[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_U02] has the ability of self-learning and expanding knowledge in a specialized field of engineering production	Designs simple structures or segments of the technological process.			[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
Subject contents	Course content – project Solution in groups of an analytical or construction task in the scope set by the tutor						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	project	56.0%	100.0%
Recommended reading	Basic literature	Literature selected individually by the tutor based on the subject and scope of the project.	
	Supplementary literature	Literature selected individually by the tutor based on the subject and scope of the project.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	<p>Welding technology design.</p> <p>Welded structure design.</p> <p>Analytical methods of assessing the weldability of metals.</p>		
Practical activities within the subject	Not applicable		

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